

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

REPORT

CO NO.

COUNTRY East Germany

SUBJECT Maritime Hydrographical Service

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THIS IS UNEVALUATED INFORMATION

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1. Surveying vessel JOHANN L. KRUEGER of Seehydrographischer Dienst (Maritime Hydrographical Service) (SHD) was scheduled to carry out an experimental cruise from Warnemuende as far as the west side of Bornholm Island. The instruments to be tested were an induction compass¹ and a deep-sea thermometer². Rudolf Kaestner of 45 Fuerstenwalder Damm, Berlin-Friedrichshagen, and Schaefer (fnu) engineers of the nautical-hydrographical Institute in Friedrichshagen, were aboard the Johann L. Krueger during that experiment cruise. Fritz Muelles, Maj. Ing, engineer Heinz Gesche and technician Kurt Hoepfner, engineers of the Askania-Werk Teltow (Askania Works in Teltow) also were embarked for the cruise. Exit permits for this cruise had been requested for these engineers at the Stralsund border police.
2. Under a new regulation concerning the marking of files the SHD files were marked as follows:

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Appointment

Name and Rank

head of the SHD	Fregattenkapitaen Grawe
head of section I	Korvettenkapitaen Scheib
head of section II	Korvettenkapitaen Balzer
head of section III	Korvettenkapitaen Zuehlendorf
head of section IV	Hauptmann Tiets
seachart collection	unknown
Hydrographical-Meteorological Institute in Warnemuende	unknown
head of SH D cadre section	Hauptmann Krause
head of financial section	unknown
head of ship section	Korvettenkapitaen Schmidt
maritime surveying expedition	Korvettenkapitaen Fliegner
Nautical-hydrographical Insti- tute (NHI)	unknown
Stralsund maritime hydrographical office	Korvettenkapitaen Juelke
Warnemuende maritime hydrogra- phical office	Handelsschiffskapitaen Permin
Peenemuende maritime hydrogra- phical office	Korvettenkapitaen Schomartz
sea police headquarters	

CLASSIFICATION





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ARMY	AIR	FBI							

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1.  Comment. The induction and phase compass has been designed for a transmission of course data from a place on board a ship little affected by the Ship's magnetism to an operational post such as the bridge or the charthouse. The compass features a terrestrial magnetic field mounted together with an a.c. generator on the same perpendicular shaft. The rapid rotations of the axle in turn generate in the terrestrial magnetic field and the ship's generator field alternating currents the phase lags of which indicate the course angle. Several gyro repeaters may be connected to the device, which in Western Germany is built by the AEG. 25X1
 2.  Comment. The possibilities of testing a deep-sea thermometer in the sea area with water depths not exceeding 50 meters are rather limited. 25X1

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